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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

118434-00101

First Inventor or Application Identifier

Janet Kay Robertson

Title

HIGH THROUGHPUT SCREENING (HTS) METHOD AND APPARATUS FOR MONITORING ION CHANNELS

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Commissioner for Patents
Box Patent Application
Alexandria, VA 22313

ACCOMPANYING APPLICATION PARTS

10. 37 C.F.R. §3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document *(if applicable)*

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. White Advance Serial No. Postcard

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other:

17548 U.S. PTO
10/782943

117548 U.S.PTO
10/782943

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below:

Continuation Divisional Continuation-in-part (CIP) of prior application no.:

Prior application information: **Examiner:** **Group Art Unit:**

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Amend the specification by inserting before the first line the sentence:

This application is a Continuation Division Continuation-in-part (CIP)
of application Serial No. Filed on

This application claims priority of provisional application Serial No. Filed

20. CORRESPONDENCE ADDRESS

BLANK ROME LLP
THE WATERGATE
600 NEW HAMPSHIRE AVENUE, NW
WASHINGTON, DC 20037
TEL (202) 772-5800 FAX (202) 572-8398



27557

PATENT TRADEMARK OFFICE

Name:	Brian C. Jones	Registration No.:	37,587
Signature:		Date:	February 23, 2004

13281
022304
U.S.PTO

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Complete If Known

Application Number	Unassigned
Filing Date	February 23, 2004
First Named Inventor	Janet Kay Robertson
Examiner Name	Unassigned
Group / Art Unit	Unassigned

TOTAL AMOUNT OF PAYMENT (\$ 628

Attorney Docket No. 118434-00101

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 23-2185</p> <p>Deposit Account Name BLANK ROME LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>420</td><td>216</td><td>210</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,480</td><td>218</td><td>740</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>2,010</td><td>228</td><td>1,005</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>330</td><td>219</td><td>165</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>330</td><td>220</td><td>165</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>145</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,330</td><td>241</td><td>665</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,330</td><td>242</td><td>665</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>480</td><td>243</td><td>240</td><td>Design issue fee</td></tr> <tr><td>144</td><td>640</td><td>244</td><td>320</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee for provisional applications</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>770</td><td>246</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>770</td><td>249</td><td>385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>770</td><td>279</td><td>385</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$ 0</td> </tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - 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<p>Total Claims 47 -20** = 27 X \$9 = \$243</p> <p>Independent Claims 1 -3** = 0 X \$86 = \$0</p> <p>Multiple Dependent \$0</p> <p>4. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>201</td><td>Utility filing fee</td><td>385</td></tr> <tr><td>106</td><td>206</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>207</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>208</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>214</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="3">SUBTOTAL (1)</td><td>(\$385)</td></tr> </tbody> </table> <p>5. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>47</td><td>27</td><td>\$9</td><td>\$243</td></tr> <tr><td>1</td><td>0</td><td>\$86</td><td>\$0</td></tr> <tr><td></td><td></td><td></td><td>\$0</td></tr> <tr><td colspan="3">SUBTOTAL (2)</td><td>(\$ 243)</td></tr> </tbody> </table>				Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	101	201	Utility filing fee	385	106	206	Design filing fee		107	207	Plant filing fee		108	208	Reissue filing fee		114	214	Provisional filing fee		SUBTOTAL (1)			(\$385)	Total Claims	Extra Claims	Fee from below	Fee Paid	47	27	\$9	\$243	1	0	\$86	\$0				\$0	SUBTOTAL (2)			(\$ 243)																																																																																																															
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**or number previously paid, if greater; For Reissues, see above

BLANK ROME LLP
600 NEW HAMPSHIRE AVENUE, N.W.
WASHINGTON, DC 20037
TEL (202) 772-5800 FAX (202) 572-8398



27557

PATENT TRADEMARK OFFICE

SUBMITTED BY						Complete (if applicable)	
Name (Print/Type)	Brian C. Jones		Registration No. (Attorney/Agent)	37,587	Telephone	(202) 772-5800	
Signature					Date	February 23, 2004	